



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/567,387	02/07/2006	Robert Phillips	F3380(C)	6663

201 7590 06/17/2010
UNILEVER PATENT GROUP
800 SYLVAN AVENUE
AG West S. Wing
ENGLEWOOD CLIFFS, NJ 07632-3100

EXAMINER

SMALLEY, JAMES N

ART UNIT	PAPER NUMBER
----------	--------------

3781

NOTIFICATION DATE	DELIVERY MODE
-------------------	---------------

06/17/2010

ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

patentgroupus@unilever.com

Office Action Summary	Application No. 10/567,387	Applicant(s) PHILLIPS, ROBERT	
	Examiner JAMES N. SMALLEY	Art Unit 3781	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 30 March 2010.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-11 and 13-19 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-11, 13 and 15-19 is/are rejected.
- 7) ☒ Claim(s) 14 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

Art Unit: 3781

DETAILED ACTION

Specification

1. The following guidelines illustrate the preferred layout for the specification of a utility application. These guidelines are suggested for the applicant's use.

Arrangement of the Specification

As provided in 37 CFR 1.77(b), the specification of a utility application should include the following sections in order. Each of the lettered items should appear in upper case, without underlining or bold type, as a section heading. If no text follows the section heading, the phrase "Not Applicable" should follow the section heading:

- (a) TITLE OF THE INVENTION.
- (b) CROSS-REFERENCE TO RELATED APPLICATIONS.
- (c) STATEMENT REGARDING FEDERALLY SPONSORED RESEARCH OR DEVELOPMENT.
- (d) THE NAMES OF THE PARTIES TO A JOINT RESEARCH AGREEMENT.
- (e) INCORPORATION-BY-REFERENCE OF MATERIAL SUBMITTED ON A COMPACT DISC.
- (f) BACKGROUND OF THE INVENTION.
 - (1) Field of the Invention.
 - (2) Description of Related Art including information disclosed under 37 CFR 1.97 and 1.98.
- (g) BRIEF SUMMARY OF THE INVENTION.
- (h) BRIEF DESCRIPTION OF THE SEVERAL VIEWS OF THE DRAWING(S).
- (i) DETAILED DESCRIPTION OF THE INVENTION.
- (j) CLAIM OR CLAIMS (commencing on a separate sheet).
- (k) ABSTRACT OF THE DISCLOSURE (commencing on a separate sheet).
- (l) SEQUENCE LISTING (See MPEP § 2424 and 37 CFR 1.821-1.825. A "Sequence Listing" is required on paper if the application discloses a nucleotide or amino acid sequence as defined in 37 CFR 1.821(a) and if the required "Sequence Listing" is not submitted as an electronic document on compact disc).

2. Applicant is reminded of the proper language and format for an abstract of the disclosure.

The abstract should be in narrative form and generally limited to a single paragraph on a separate sheet within the range of 50 to 150 words. It is important that the abstract not exceed 150 words in length since the space provided for the abstract on the computer tape used by the printer is limited. **The form and legal phraseology often used in patent claims, such as "means" and "said," should be avoided.** The abstract should describe the disclosure sufficiently to assist readers in deciding whether there is a need for consulting the full patent text for details.

The language should be clear and concise and should not repeat information given in the title. It should avoid using phrases which can be implied, such as, "The disclosure concerns," "The disclosure defined by this invention," "The disclosure describes," etc.

Art Unit: 3781

Claim Rejections - 35 USC § 112

3. The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

4. Claims 1-11 and 15-19 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the enablement requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to enable one skilled in the art to which it pertains, or with which it is most nearly connected, to make and/or use the invention.

Claim 1, from which the remaining claims depend, limits "at least one wing member." Examiner notes there is no support for this in the Specification. Not a single disclosed embodiment is drawn to a mode wherein only one wing member is used.

Claim 7 limits "a drinking spout." Examiner notes none of the disclosed embodiments teaches a drinking spout. Examiner cites Merriam-Webster online dictionary, to define spout:

"a projecting tube or lip from which a liquid (as water) issues."

No disclosed embodiment teaches a projecting lip. **Examiner proceeds on the assumption that Applicant is their own lexicographer, and the term is only used to define a drinking opening.**

5. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

6. Claims 17-18 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claim 17 limits "where integrally formed." It is not clear what is integrally formed.

Claim 18 limits "where vacuumed formed..." It is not clear what is vacuumed formed.

Claim Rejections - 35 USC § 102

7. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

Art Unit: 3781

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

8. Claims 1-9, 11, 13 and 15-19 are rejected under 35 U.S.C. 102(e) as being anticipated by Martin et al. US 6,575,323.

Foremost, Examiner notes the claim preamble limits the beverage bag unit to intended-use only, and that the claimed invention is the lid only. Therefore, specifics to the beverage bag unit, such as claim 5, are only given patentable weight to the degree that the prior art device is capable of being used in the intended manner.

Regarding claim 1, Martin '323 teaches a lid comprising a flange (12) for attachment to a cup, a body unit comprising a body section and an aperture (16), wing members (18, 19) capable of squeezing a beverage bag, which include engagement elements (41) which are capable of engaging another such element (37) to secure the lids in the open configuration. Examiner notes the claim is not read such that "another such element" implies that the other such element is on another hinged wing member.

Furthermore, Examiner notes that while the invention is not explicitly taught for use with beverage bags, the device meets the structural limitations of the claimed invention, and therefore, is capable of being used in the intended manner. One could at least partially pinch a beverage bag between the wing members, should both be in the raised position. It has been held that a recitation with respect to the manner in which a claimed apparatus is intended to be employed does not differentiate the claimed apparatus from a prior art apparatus satisfying the claimed structural limitations. *Ex parte Masham*, 2 USPQ2d 1647 (1987). Furthermore, if a prior art structure is capable of performing the intended use as recited in the preamble, then it meets the claim. See, e.g., *In re Schreiber*, 128 F.3d 1473, 1477, 44 USPQ2d 1429, 1431 (Fed. Cir. 1997).

More specifically, Examiner notes the claim does not require the wing members to be hinged into the container, only that they be hinged.

Regarding claim 2, Martin '323 teaches two wing members (18, 19)

Art Unit: 3781

Regarding claim 3, Martin teaches a sealing surface (14) capable of providing a fluid seal.

Regarding claim 4, the opening (16) is substantially sized such that a bag could move freely within. The cap appears to be of the type for grated parmesan cheese containers, and the large opening (16) could certainly fit a standard-sized tea bag.

Regarding claim 5, the limitations are not drawn to the claimed invention, and the device of Martin '323 is capable of being used in the intended manner.

Regarding claim 6, the reference teaches drinking spout (read to be the unlabeled raised surface about dispensing openings (76), shown in figure 7.

Regarding claim 7, the wing member (19) is operable to "form" a drinking spout by being lifted up in order to expose the spout.

Regarding claim 8, the living hinges (22) are integrally formed of plastic, and therefore comprise "resilient hinges."

Regarding claim 9, the wing members are hinged to a central region of the body section as shown in figures 1-2.

Regarding claim 11, Examiner notes figure 1, wherein a raised portion (unlabeled, but is pointed to by element number 18 in the figure) defines a recess, which is capable of receiving a finger.

Regarding claim 13, the wing members comprise projections (41) which engage recesses (37) in order to secure the lids/wing members in the open configuration.

Regarding claim 15, the dispensing apertures (76) could lock and hold a beverage bag in place, as the tab would be larger than the diameter of the holes.

Regarding claim 16, the upstanding wall member is read to be the horizontal and radially-inwardly extending portion at element (26) in figure 2, which extends from the top of the sidewall, and radially inwardly of this section is read as the body section (unlabeled, but read as the area located to the right of element 17 in figure 2 including the central region (35).

Regarding claim 17, the closure is integrally formed.

Regarding claim 18, the claim comprises a method limitation within the scope of an apparatus claim, and therefore is only treated to the degree it materially affects the final product. Because the cap

Art Unit: 3781

of Martin '323 is integrally formed of plastic material, Examiner asserts it meets the claimed limitation. It has been held that method limitations in a product claim do not serve to patentably distinguish the claimed product from the prior art. See *In re Thorpe*, 777 F.2d 695, 227 USPQ 964 (Fed. Cir. 1985). Thus, even though a product-by-process claim is limited and defined by a process, determination of patentability is based on the product itself. Accordingly, if the product in a product-by-process claim is the same or obvious from a product of the prior art, the claim is unpatentable even though the prior art product was made by a different process. *Thorpe*, 777 F.2d at 697, 227 USPQ at 966; *In re Marosi*, 710 F.2d 799, 218 USPQ 289 (Fed. Cir. 1983).

Regarding claim 19, the beverage bag unit was only claimed as intended use, and therefore the structural elements are not given patentable weight within the scope of the claim. The lid of Martin '323 is capable of being used in the intended manner.

Claim Rejections - 35 USC § 103

9. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

10. Claim 10 is rejected under 35 U.S.C. 103(a) as being unpatentable over Martin et al. US 6,575,323, as applied above under 35 U.S.C. 102(e) to claim 1, and further in view of Martin US 2004/0089678 and in view of Hierzer et al. US 2004/0200836.

Martin '323, as applied above, teaches all limitations substantially as claimed, but fails to teach a perforated connection which is broken upon operation of the wing member.

Martin '678 teaches it is known to provide an external tamper-evidencing means (76, in figure 8A) on the type of dispensing container taught by Martin '323. Hierzer '836 teaches a perforated tamper-evident means (36, figure 1), for hinged dispensing cap closures.

Art Unit: 3781

It would have been obvious to one having ordinary skill in the art at the time the invention was made to modify the closure of Martin '323, providing a perforated connection between the hinged lid/wing member, and closure base, as taught by Hierzer '836, motivated by the benefit of external tamper evidencing as taught by Martin '678. The Supreme Court in *KSR* reaffirmed the familiar framework for determining obviousness as set forth in *Graham v. John Deere Co.* (383 U.S. 1, 148 USPQ 459 (1966)), but stated that the Federal Circuit had erred by applying the teaching-suggestion-motivation (TSM) test in an overly rigid and formalistic way. *KSR*, 550 U.S. at ___, 82 USPQ2d at 1391. Specifically, the Supreme Court stated that the Federal Circuit had erred in four ways: (1) "by holding that courts and patent examiners should look only to the problem the patentee was trying to solve" (*Id.* at ___, 82 USPQ2d at 1397); (2) by assuming "that a person of ordinary skill attempting to solve a problem will be led only to those elements of prior art designed to solve the same problem" (*Id.*); (3) by concluding "that a patent claim cannot be proved obvious merely by showing that the combination of elements was obvious to try" (*Id.*); and (4) by overemphasizing "the risk of courts and patent examiners falling prey to hindsight bias" and as a result applying "[r]igid preventative rules that deny factfinders recourse to common sense" (*Id.*). In *KSR*, the Supreme Court particularly emphasized "the need for caution in granting a patent based on the combination of elements found in the prior art," *Id.* at ___, 82 USPQ2d at 1395, and discussed circumstances in which a patent might be determined to be obvious. Importantly, the Supreme Court reaffirmed principles based on its precedent that "[t]he combination of familiar elements according to known methods is likely to be obvious when it does no more than yield predictable results." *Id.* at ___, 82 USPQ2d at 1395.

Furthermore, the Supreme Court issued rationales which support the conclusion of obviousness, and which can be found in the MPEP 2141(III). Under rationale (A), it is obvious to combine known elements in a predictable manner.

Response to Arguments

11. Examiner notes no arguments were presented. All previous arguments with respect to claims 1-11 and 13-19 have been considered but are moot in view of the new ground(s) of rejection.

Art Unit: 3781

Allowable Subject Matter

12. Claim 14 is objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Conclusion

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to JAMES N. SMALLEY whose telephone number is (571)272-4547. The examiner can normally be reached on Monday - Friday 10 am - 7 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Anthony Stashick can be reached on (571) 272-4561. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 3781

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Anthony Stashick/
Supervisory Patent Examiner, Art Unit
3781

/James N Smalley/
Examiner, Art Unit 3781